

Symposium 2020

Challenges in the aesthetic zone

6.-7. november 2020

Frederiksberg



VELKOMMEN

til Tandlægeforeningens SYMPOSIUM 2020 på Frederiksberg



Per Vult von Steyern
Faglig koordinator



Ole Thomas Marker
Symposium ansvarlig

Arrangementskomité:

Per Vult von Steyern, professor
Ole Thomas Marker, efteruddannelseschef, Tandlægeforeningens Efteruddannelse

Udfordringer i den æstetisk zone

Keramik i tandplejen har altid været forbundet med gode æstetiske og biokompatible løsninger. Desværre er keramik også forbundet med en række følelser og fordomme: "Det holder ikke", "det er for kompliceret" og "det kræver for meget tandsubstans" er almindelige forestillinger, som er baseret på gamle sandheder – mere end 30 år gamle sandheder.

Alle disse fordomme kan blankt afvises i 2020, når vi ser hvilke fantastiske muligheder dental keramik giver os i dag. Ingen anden materialegruppe end keramik giver os i dag muligheder for at producere højæstetiske tanderstatninger, minimalt invasive, farvestabile og biokompatible med lang funktionstid. Men for at vores behandlinger skal lykkes, har vi brug for viden. Viden om hvornår og hvordan de forskellige keramiktyper er forskellige og anvendes korrekt.

Forskellige typer af keramik kræver forskellige typer af præparation, overfladebehandling og cementering. Hvilke materialer er velegnede i fronten, hvilke kan bruges posterior og hvad med keramiske broer? Hvilke typer af keramik kan du bonde og hvilke skal du bonde? Hvad skal teknikeren gøre, og hvad skal du gøre i klinikken? Hvordan får vi blødt vævet omkring protetiske keramer til at forblive sunde og smukke? Udfordringerne er mange og hvordan navigerer du sikkert? Svaret får du på dette års symposium med om Challenges in the aesthetic zone.

Vi har inviteret nogle af de førende i verden til at formidle inspirerende kliniske metoder og den allernyeste viden inden for tandkeramik. Verdenskendte klinikere, der kombinerer deres viden og kliniske færdigheder med inspirerende undervisning. Højt estimerede forskere, der er lige så kendt for deres forskningsresultater, som deres evne til at formidle viden på en enkelt og tillidsfuld måde.

To dage fyldt med masser af viden, som er direkte anvendelig i den kliniske hverdag. Det er med stor glæde og stolthed, at jeg præsenterer programmet for symposiet i 2020.

Professor Per Vult von Steyern

DAY 1 – INSPIRATIONAL CHALLENGES

08.30-09.00 MORNING COFFEE

09.00-09.05	Welcome Ole Thomas Marker
09.05-09.10	Awards Susanne Kleist
09.10-09.20	Opening remarks Per Vult von Steyern
09.20-10.15	Creating the most Personalized Smile Design and a Guided Approach to reach it: Analog vs Digital, Part I Galip Gurel Hilal Kuday

10.15-10.45 COFFEE BREAK

10.45-12.00	Creating the most Personalized Smile Design and a Guided Approach to reach it: Analog vs Digital, Part I (continued) Galip Gurel Hilal Kuday
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12.00-13.00 LUNCH

13.00-14.15	Adhesive challenges for glass ceramics, porcelain and tooth structure Bart van Merbeek
14.15-15.00	Bonding to Zirconia Ceramic – Reliable Procedures and Clinical Applications Mattias Kern

15.00-15.30 COFFEE BREAK

15.30-16.30	Prosthetic challenges in shaping soft tissues surrounding ceramics on natural teeth Eric Van Dooren
16.30-17.00	Questions and panel discussion (all lecturers) Per Vult von Steyern

DAY 2 – EXPECTATIONS AND EVIDENCE

08.30-09.00 MORNING COFFEE

09.00-09.05	Opening remarks Per Vult von Steyern
09.05-09.45	Translucent zirconium-dioxide, the material for the future? Per Vult von Steyern
09.45-10.15	Treating Minirialization Disturbances and Tooth Agenesis Klaus Gottfredsen

10.15-10.45 COFFEE BREAK

10.45-12.00	Communication, Expectations and Predictability in Prosthetic Dentistry Bjarni Pjetursson Vincent Fehmer
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12.00-13.00 LUNCH

13.00-13.45	Ceramic treatments in young adults Nicole Winitsky
13.45-14.45	Creating the most Personalized Smile Design and a Guided Approach to reach it: Analog vs Digital, Part II Stefen Koubi

14.45-15.15 COFFEE BREAK

15.15-16.15	The minimally invasive revolution Mauro Fradeani
16.15-16.45	Panel discussion and closing remarks Per Vult von Steyern



Galip Gurel
Dr.



Hilal Kuday
Cdt



Stefen Koubi
Associate Professor, Dr., PhD

09.20-12.00, DAY 1 / Galip Gurel, Hilal Kuday

13.45-14.45, DAY 2 / Stefen Koubi

Creating the most Personalized Smile Design and a Guided Approach to reach it: Analog vs Digital

While some of the final esthetic results are creating the “wow” effect, some may fail to meet the patient’s expectations due to disharmony between the smile design and the patient’s personality. The patient may feel that the restored teeth do not really “belong” to him or her. Without the proper knowledge, the origin of this disharmony can be difficult to identify.

Most of all the smiles are being designed intuitively by the dentist or the ceramist. It has always been a challenge to create a smile design that the final result would be precisely predicted from day one. In some cases the dentists do built this design, in other words “the mock-up”, by themselves directly in the patients mouth, however some leave it to the ceramist that they work with. More importantly, this smile design not always matches with the patient’s functional, biological and emotional needs.

This brings out the extreme need and precision of the “mock-up”. In some cases it can be aesthetically realistic & functional, where as in others aesthetic but non functional and in some cases unfunctional but non aesthetic. The aim of this lecture is to present a novel concept which involves the creation of a mock-up that will be matching with a customized personal image, expressing a person’s sense of identity which is based on the “visagism” VIS concept that helps dental clinicians provide restorations that account not only for esthetics, but also for the psychosocial features of the created image, which affect patients’ emotions, sense of identity, behavior, and self-esteem.

Even with this very valuable VIS smile design, for some dentists creat-

ing direct a mock-up may be difficult. Filling an empty space with teeth that will fulfill all the above expectations can be a difficult task. However with the new digital technologies this is no longer a problem. The REBEL is the new 3D SMILE DESIGN program, which can immediately convert the 2D VIS smile design in to 3D. This way the dentist will be able to immediately 3D print this STL file and be able to place the final wax up in the patients mouth.

Of course, if the design is the crucial point, then a guided clinical protocol where all the steps are standardized, is mandatory. The challenge of the esthetic zone should always follow a predictable protocol because there is no room for the failure in this crucial area. Whatever will be the complexity of the clinical situation (worn dentition, implantology), the practitioner needs to use a comprehensive methodology with a simple philosophy able to guide the treatment during the different clinical step.

The purpose of this session is to suggest a precise and reproducible method that simplifies the treatment of smile enhancement (cosmetic, worn dentition, and implantology). A wax up and a mock-up is mostly used for designing aesthetic outcomes, and then used as a guide (preparation through the mockup or the wax up- apt for the preparation of anterior teeth). The technique can also be used on the posterior occlusal surfaces of the teeth. This will not only provide the exact new vertical dimension of the occlusion but also let the dentist use it as a guide for precisely controlling occlusal preparation simultaneously with buccal preparation

Galip Gurel, Dr.

Dr. Galip Gurel graduated from the University of Istanbul, Dental School in 1981. He continued his education at the University of Kentucky, Department of Prosthodontics. Received his MSc degree from Yeditepe University in, Istanbul.

Dr. Gurel is the founder and the honorary president of EDAD (Turkish Academy of Aesthetic Dentistry). He was the President of the European Academy of Esthetic Dentistry (EAED) for 2011 & 2012.

He received "The Smigel" award in October 2014 which is granted biennially by New York University College of Dentistry to honor the best esthetic dentists in the world for the social contribution they create, their support for the improvement of esthetic dentistry, their vision and determination and their ability to present innovative ideas around dentistry globally and the education they provide to the dental health professionals about advanced esthetics, technology and the new techniques in general dentistry. He is also a member of the American Society for Dental Aesthetics (ASDA) and American Academy of Restorative Dentistry (AARD) and the honorary diplomate of the American Board of Aesthetic Dentistry (ABAD).

He is also the editor-in-chief of the Quintessence Magazine in Turkey and on the editorial board of the AACD journal, PPAD (Practical Procedure & Aesthetic Dentistry), EJED (European Journal of Esthetic Dentistry).

He has been lecturing on dental aesthetics all over the world and giving post graduate lectures on aesthetics dentistry. He is a visiting professor at the New York University (USA), Marseille Dental University (France) and Istanbul Yeditepe University (Turkey).

He is the author of "The Science and Art of Porcelain Laminate Veneers" published by Quintessence publications in 2003 translated into 12 different languages.

He has been practicing in his own clinic in Istanbul, specializing in Aesthetic Dentistry, since 1984.

Hilal Kuday, Cdt

1998-1999 Graduated as a dental technician from Istanbul University

Training period

Worked in his own laboratory in Istanbul 2003- 2008. Started to work with Ivoclar Training Team 2008 -. Working in his own training center and laboratory 2008-.

Education

International Center for Dental Education “Shade analysis and realization of the tooth color of a course participant IPS d.SIGN”
 ICDE “Harmony in nature”. Ivoclar Vivadent International Center for Dental Education “Porcelain fused to metal restorations”. Ivoclar Vivadent International Center for Dental Education “Metal free restorations” Ivoclar Vivadent International Center for Dental Education “E-Max System”

Stefen Koubi, Associate Professor, Dr., PhD

Doctor koubi was graduated in University of Marseille in 1998. He has a position of Associate Professor in Restorative department in Marseille University since 2008 and received his PHD in 2011. He has been resident for 3 years in Paris University after his graduation. He has a private office in Marseille and a smile consultation in Paris. His main topic concern Esthetic rehabilitation for cosmetic reason or functional reason (worn dentition). He is invited in many prestigious esthetic academies to lecture on a simple way to achieve high level esthetic dentistry and he is mainly focus on the teachability of esthetic dentistry. He is a speaker in esthetic post graduated program in many university (marseille, strasbourg, Montpellier, hochi minh city, hanoi).He received Gold molar title from student of his university (best teacher of the year) in 2012 and title of best french speaker same year. He was awarded in 2014 of silver molar og 2014. He is since 2012 a member of style italiano group in charge of indirect topic.

He is founder since 2013 of L'institut de la facette a private training center focus on smile design for worn dentition and cosmetic rehabilitation. He is author of many scientific article and case report on esthetic dentistry.

In March 2018 he has published in JPRD a novel simplified approach in the treatment of worn dentition called “the full mockup concept”. He is author of a book “lamine veneer every day every wear: 20 recipes for smile design” published by quintessence in September 2019.



Bart van Merbeek
Prof., Dr.

13.00-14.15, DAY 1 / Bart van Merbeek

Adhesive Challenges for Glass Ceramics, Porcelain and the Tooth

Current restorative dentistry involves dental adhesive technology in nearly all tooth-restorative procedures. This lecture will focus on the use of modern adhesive technology to lute semi-direct and indirect restorations. Digital technology is indispensable in today's dental practice. The first digital revolution occurred several years ago with the introduction of CAD-CAM technology for the production of semi-direct (chair side) and indirect (via dental lab) restorations. Currently, most CAD-CAM systems are based on 'subtractive' manufacturing processes, where restorations are milled out of industrially manufactured blocks. Various types of ceramic, resin-based composite and polymer-infiltrated ceramic CAD-CAM blocks are today available for chair-side and indirectly fabricated partial/full crown restorations. This lecture will address the different CAD-CAM materials that are today available and their associated clinical adhesive luting protocols, hereby focusing on both the cement-tooth as the cement-restoration interface. Inevitably, one may expect that 'additive' manufacturing processes or so-called '3D printing' will soon offer additional tooth-restoration opportunities.

Bart van Merbeek, Prof., Dr.

Bart Van Meerbeek obtained his DDS in 1988 and his PhD in 1993 at KU Leuven (University of Leuven) in Belgium. He continued his research activity abroad for one year at the University of Texas Health Science Center at San Antonio, Texas, and later also at the University of Missouri-Kansas City. In 1995, he became Assistant Professor ('Docent') at KU Leuven and

since then teaches Dental Biomaterials Science. In 1998 and 2002, he was promoted respectively to Associate Professor ('Hoofddocent') and Professor ('Hoogleraar'), and in 2005 to Full Professor ('Gewoon Hoogleraar'). His primary research interest involves studies related to the broad field of Adhesive Dentistry, including fundamental as well as clinical research regarding dental adhesive technology in particular. Newer research lines deal with Dental Ceramics, Cariogenicity & Biocompatibility of Dental Materials, Bioactive Materials and Pulp-preservation Material Technology. His research work has been published in more than 400 peer-reviewed journals and has been honoured with awards such as the 1996 triennial Robert Stock Award for best PhD dissertation in Biomedical Sciences, Albert Joachim Award in 1997, Award in Biomedical Sciences of the Research Council of KU Leuven in 1998, IADR Young Research Award in 2000, Smith-Kline Beecham Award in 2001, Academy of Operative Dentistry Buonocore Memorial Lecturer in 2003, CED-IADR (Continental European Division of IADR) Robert Frank Lecturer in 2008, 2014 IADR/AADR William J. Gies Award for the best 2014 JDR paper in the Biomaterials & Bioengineering Research category, and the 2015 IADR Wilmer Souder Award (IADR Distinguished Scientist award for Dental Materials). In 2003, he became holder of the Toshio Nakao Chair for Adhesive Dentistry. He was President of the Pan-European Federation of IADR in 2006-2007 and is currently serving as Secretary of the Continental European Division of IADR or CED-IADR. Recently in September 2019 (Madrid), he was elected as President Elect of CED-IADR to become CED-IADR president in September 2020 with the task to organize the 2021 CED-IADR/NOF Oral Health congress in Brussels (September 16-18, 2021). Since 2004, he is Editor-in-Chief of the Journal of Adhesive Dentistry.

"Pga. COVID-19 vil deltagerantallet
på symposium 2020
være reduceret.

Medlemmer af Tandlægeforeningen
har fortrinsret til at tilmelde sig
indtil den 9. juli 2020"



Mattias Kern

Prof. Dr. med. dent. habil., FADM

14.15-15.00, DAY 1 / Mattias Kern

Bonding to Zirconia Ceramic – Reliable Procedures and Clinical Applications

Bonding to silica-based dental ceramics using etching techniques and silanization is well established, but for bonding of dental oxide ceramics with little or no silica no particular method is generally accepted. The purpose of this lecture is to summarize the current knowledge on bonding to dental oxide ceramics and especially zirconia ceramic and its clinical applications.

Approved bonding methods to dental oxide ceramics require first cleaning, roughening and chemical activation through air-abrasion by pure alumina or silica-coated alumina particles. Secondly chemical coupling agents such as phosphate monomers, silanes or multifunctional primers are used depending on the surface composition after air-abrasion. Although a large number of laboratory bonding studies on zirconia ceramics exists, clinical long-term studies on bonded zirconia ceramic restorations without mechanical retention are still needed to prove whether laboratory bonding methods provide long-term durable adhesion under clinical conditions. Longer-term clinical results with minimally invasive resin-bonded zirconia ceramic restorations are presented.

Mattias Kern, Prof. Dr. med. dent. habil., FADM

Graduation from Dental School in Freiburg, Germany in 1985. Assistant Professor in the Department of Prosthodontics, University of Freiburg 1985-1991. Dr. med. dent. thesis 1987. 1991-1993 Visiting Research Associate Professor, University of Maryland at Baltimore, USA (Grant of

the German Society of Research). 1995 Dr. med. dent. habil. thesis, Vice Chairman of the Department of Prosthodontics, University of Freiburg. Since 1997 Professor and Chairman of the Department of Prosthodontics, Propaedeutics and Dental Materials, Christian-Albrechts University at Kiel, Germany.

In Dec 2011 Dr. Kern received the Schweitzer Research Award of the Greater New York Academy of Prosthodontics (GNYAP). Dr. Kern served as President of the German Society for Prosthetic Dentistry and Biomaterials (DGPro) from June 2012 until September 2016. In March 2020, Dr. Kern received the des IADR Distinguished Scientist Award for Research in Prosthodontics and Implants.

Dr. Kern serves in the Editorial Board of more than 10 peer-reviewed scientific journals and has published more than 400 scientific articles. Material Technology. His research work has been published in more than 400 peer-reviewed journals and has been honoured with awards such as the 1996 triennial Robert Stock Award for best PhD dissertation in Biomedical Sciences, Albert Joachim Award in 1997, Award in Biomedical Sciences of the Research Council of KU Leuven in 1998, IADR Young Research Award in 2000, SmithKline Beecham Award in 2001, Academy of Operative Dentistry Buonocore Memorial Lecturer in 2003, CED-IADR (Continental European Division of IADR) Robert Frank Lecturer in 2008, 2014 IADR/AADR William J. Gies Award for the best 2014 JDR paper in the Biomaterials & Bioengineering Research category, and the 2015 IADR Wilmer Souder Award (IADR Distinguished Scientist award for Dental Materials). In 2003, he became holder of the Toshio Nakao Chair for Adhesive Dentistry. He was President of the Pan-European Federation of IADR in 2006-2007 and is currently serving as Secretary of the Continental European Division of IADR or CED-IADR. Recently in September 2019 (Madrid), he was elected as President Elect of CED-IADR to become CED-IADR president in September 2020 with the task to organize the 2021 CED-IADR/NOF Oral Health congress in Brussels (September 16-18, 2021). Since 2004, he is Editor-in-Chief of the Journal of Adhesive Dentistry.

”Symposium-programmet
udkommer udelukkende digitalt
i år og udsendes derfor
ikke sammen med Tandlægebladet,
som det plejer”



Eric Van Dooren
Dr.

15.30-16.30, DAY 1 / Eric Van Dooren

Prosthetic Challenges in Shaping Soft Tissues Surrounding Ceramics on Natural Teeth

The biggest challenge in prosthetic rehabilitations on natural teeth, especially in compromised clinical situations, is probably the shaping of the soft tissue architecture by prosthetic design. The target should always be to mimic the ideal natural tooth form and the surrounding gingival architecture. There are many factors that influence the esthetic outcome of a prosthetic rehabilitation: gingival manipulation by design, precision, understanding simple biological principles, reverse engineering, understanding the importance of the provisional restorations, skills of the ceramist etc...

In order to be predictable, digital planning of these cases became an essential part in the treatment concept. This lecture will focus on the digital planning and the clinical execution of compromised cases, from 2D photo-realistic rendering of the case to the 3D planning of augmentation of soft tissue defects and manipulation of gingival levels.

Eric Van Dooren, Dr.

Dr. Eric Van Dooren attended the Katholieke Universiteit Leuven, Belgium, where he received his degree in dentistry in 1982. After graduating he opened a private practice in Antwerp, Belgium, which is limited to periodontics, fixed prosthodontics, and implants.

Currently Dr. Van Dooren is a Visiting Professor at University of Liege (Belgium) and University of Marseille. He is an active member of the European Academy of Esthetic Dentistry.

Dr Van Dooren lectures nationally and internationally, mainly on aesthetics, implants and aesthetic periodontal surgery.

”Tandlægeforeningen følger myndighedernes anvisninger i forhold til forsamlinger. Vi holder afstand, spritter af og passer på hinanden”



Per Vult von Steyern
Professor

09.05-09.45, DAY 2 / Per Vult von Steyern

Translucent Zirconium-Dioxide, the Material for the Future?

The latest generations of translucent zirconia have many different names. Sometimes they are called translucent, high translucent, top translucent, ultra translucent and sometimes 3Y, 4Y or 5Y. Over the last decade translucency has been gained in different ways that all have in common that not only the translucency is changed, but also other properties of the zirconia material. Hence, in general, the more translucency that is gained, the lower strength and toughness remain together with the chemical stability that also might be affected.

From a clinical point of view, decisions on what material to use might be complicated since there are so many alternatives, not only regarding type of zirconia, but also regarding combinations with porcelain in so called semi-monolithic or monolithic designs.

The novelty with monolithic zirconia is that the zirconia material itself, earlier used as a core or framework material only, now is made more translucent than conventional zirconia, sometimes sufficient for meeting the different aesthetic expectations without the need of a veneering porcelain.

The objectives of the lecture are to give the clinician tools for how to choose among different zirconia materials and design for different prosthetic reconstructions.

Per Vult von Steyern, Professor

Per Vult von Steyern is professor in Prosthetic Dentistry and chair of the Department of Materials Science and Technology, Faculty of Odontology, Malmö University, Sweden. He is a licensed specialist in Prosthodontics and researcher with Dental ceramics as his main research field.

He is an internationally recognized lecturer and was 2013 awarded the Swedish Dental Association price for "Best lecturer". He has published several scientific papers in international scientific journals and several textbook chapters. 2015 he received the Swedish Dental Associations award for the best overview article of the year (2014). He is, furthermore, president of the Scandinavian Society for Prosthetic Dentistry and Swedish Dental Society.

"Bemærk at Konferencen
for klinikassistenter ikke
holdes på Scandic Falkoner
som symposiet, men på
Scandic Copenhagen.
Dette gør vi for at sikre
mest mulig afstand
til alle i pauserne"



Klaus Gotfredsen
Professor

09.45-10.15, DAY 2 / Klaus Gotfredsen

Treating Miniralization Disturbances and Tooth Agenesis

The Special- clinic for Oral Rehabilitation at the Dental School in Copenhagen provides oral rehabilitation of patients with tooth development and mineralization disturbances. The restorative treatments endeavor good functional prognosis and aesthetic outcome. The presentation will discuss different ceramic materials used for reconstructions, and the clinical challenges, where aesthetic and psychological aspects of the appearance are essential for the young patient.

Klaus Gotfredsen, Professor

Professor og afdelingsleder på afdeling for Oral Rehabilitering ved Odontologisk Institut, Københavns Universitet. Forskningsaktivitet centreret omkring implantologi og protetik med mere end 125 publikationer i nationale samt internationale fagtidsskrifter og bøger. Afholdt mere end 200 nationale og internationale foredrag. Forskningsophold i Bern, Schweiz og Göteborg, Sverige. Opponent på doktor- og ph.d.-afhandlinger i Norge, Sverige, Finland, Danmark og Island. Vejleder for et tital af ph.d.-studerende og skolarstipendiater. Tidligere bestyrelsesmedlem og præsident af European Association for Osseointegration (EAO), formand for undervisningskomiteen i Scandinavian Society of Prosthetic Dentistry (SSPD) og med mangeårig tilknytning til bestyrelsen af Dansk Selskab for Oral Implantologi (DSOI). ITI medlem og fellow. Tilknyttet og arbejdet for Regionstandplejen i Region Hovedstaden og Odontologisk Videnscenter øst siden opstarten i 2006 og leder af Specialafdeling for Oral Rehabilitering, hvor disse patienter behandles protetisk. Over 30 års praktisk erfaring fra privat tandlægepraksis.



Bjarni Petrusson

Prof., Dr. med. Dent., PhD



Vincent Fehmer

MDT

10.45-12.00, DAY 2 / Vincent Fehmer

Communication, Expectations and Predictability in Prosthetic Dentistry

As new technologies are currently and faster than ever before changing the way we plan, fabricate and delivery our implant restorations, there are certain steps throughout the workflow that are in need of clear and new defined guidelines.

In this lecture all relevant steps will be elaborated in order to deliver a predictable and long term stable outcome. For example the selection of the ideal Ti-base, as it should be as long as possible and for FDPs the parts have to be cylindrical. Application of sandblasting on the Ti-Base surface along with the corresponding cement, for each best possible adhesion as well as best esthetic integration. To the final selection of the best restorative material for esthetic and longterm stable outcomes.

This was just a small but important step relevant to achieve predictable outcomes for these new types of CAD/CAM based restorations.

In the end of the course you will be aware of our Geneva treatment concept and decision tree that allows you to pic the correct indications and restorative procedures from the single implant crown all the way to the full arch FDPs. All of which is evidence based and adapted to the need of use in daily practice

Bjarni Petrusson, Prof., Dr. med. Dent., PhD

Bjarni Elvar Pjetursson, received his DDS from University of Iceland in 1990. From 1990 to 2000 he worked as a general dentist in his private clinic in Iceland. In 2000 he started his postgraduate training in Periodontology and Implant Dentistry at the University of Bern, Switzerland. He received his specialist certificate (EFP & SSP) and Masters of Advanced Studies in Periodontology and Doctorate in Dentistry (Dr. med. dent) from the Faculty of Medicine, University of Bern, Switzerland. From 2003 to 2005 he did his postgraduate training in Prosthodontics at the University of Berne, Switzerland. In 2014 he received his PhD from Faculty of Odontology, University of Iceland.

From 2005 he was Assistant Professor and Senior lecturer at the Department of Periodontology and Fixed Prosthodontics, University of Berne. Presently he is a Professor and Chairman of the Department of Reconstructive Dentistry and Dean, Faculty of Odontology, University of Iceland as well as a visiting professor at the University of Geneva. Dr. Pjetursson is a board member of EAO, an ITI Fellow and member of the editorial board of Clinical Oral Implants Research. He has published extensively in recent years. He has also given over 600 lectures in 50 countries around the world. His research interests are clinical studies in implant dentistry and evidenced based evaluation of different treatment modalities in implant- and prosthetic dentistry.

Vincent Fehmer, MDT

Vincent Fehmer received his dental technical education and degree in Stuttgart, Germany in 2002. From 2002 to 2003 he performed fellowships in Great Britain and the US in Oral Design certified dental technical laboratories. From 2003 to 2009 he worked at an Oral Design certified laboratory in Berlin, Germany - The Dental Manufaktur Mehrhof. In 2009 he received the degree as a MDT in Germany. From 2009 to 2014 he was the chief dental technician at the Clinic for Fixed and Removable Prosthodontics in Zurich, Switzerland.

Since 2015 he is dental Technician at the Clinic for Fixed Prosthodontics and Biomaterials in Geneva, Switzerland and runs his own laboratory in Lausanne Switzerland.

MDT Fehmer is a Fellow of the International Team for Implantology, an Active member of the European Academy of Esthetic Dentistry (EAED), and a member of the Oral Design group, the European Association of Dental Technology (EADT) and German Society of Esthetic Dentistry (Deutsche Gesellschaft für Ästhetische Zahnheilkunde, DGÄZ). He is active as speaker on a national and international Level.

Mr. Fehmer has received honors like the prize for the Best Master Program of the Year (Berlin, Germany). He has published numerous articles within the field of fixed prosthodontics and digital dental technology. Also, he serves as reviewer for several international Journals and is a section editor for the International Journal of Prosthodontics.



Nicole Winitzky
DDS, Specialist in Prosthodontics, PhD student

13.00-13.45, DAY 2 / Nicole Winitzky

Ceramic treatments in young adults

The reason for young patients being in need of prosthodontics is often trauma or genetic defects such as Amelogenesis imperfecta or Agenesis. Extensive treatment planning and transitional treatments to await growth are common prior to the more permanent treatments. The ceramic treatment option provides the opportunity for these patients to go to school, apply for jobs and find a husband or wife with a new smile free from symptoms and shame.

Nicole Winitzky, DDS, Specialist in Prosthodontics, PhD student

Dr. Nicole Winitzky received her DDS from Karolinska Institutet, Stockholm, Sweden in 1997 and was Board Certified as a specialist in Prosthodontics in 2012. She is a senior prosthodontic consultant at the Eastman institute in Stockholm and a PhD-student at the Faculty of odontology, Karolinska Institute.

Her clinical focus is prosthodontics and implantology in children and young adults with genetic dental defects or traumas. Her research "Implants in the anterior maxilla in young adults" has been rewarded with prizes at the Swedish Dental congress and at the European association for Osseointegration congress. She works on a regular basis with lecturing and giving courses nationally and internationally.



Mauro Fradeani
MD, DDS

15.15-16.15, DAY 2 / Mauro Fradeani

The minimally invasive revolution

Learning objectives:

1. Define an appropriate esthetic and functional treatment plan
2. Learn how to minimize the invasiveness of the prosthetic treatment by altering the VDO, reducing the ceramic thickness and using appropriate bonding procedures
3. Learn how to achieve a predictable and long-lasting esthetic and functional result of the prosthetic rehabilitation

The presentation will discuss the fundamentals required to accomplish a pleasing, functional and long lasting esthetic outcome: treatment plan, team collaboration, understanding of the patient's needs and expectations and selection of restorative materials.

Some esthetic and functional parameters can significantly affect the outcome of a prosthetic rehabilitation. Properly addressing those factors through an accurate preoperative analysis and a correct data transmission to the dental lab will undoubtedly facilitate the achievement of a predictable and successful result as well as a perfect biologic integration of the restorations. A thorough understanding of the ceramic materials is also fundamental to manage complex rehabilitation cases. This presentation will explain how to select and optimize the use of metal-free ceramic materials even in full-mouth rehabilitations.

The prosthetic rehabilitation is presently undergoing many changes thanks to some revolutionary clinical procedures and technologies. An innovative operative protocol allows to face highly compromised clinical

situations, with a minimally invasive prosthetic procedure (MIPP) that – thanks also to the VDO modification - guarantees a remarkable, long lasting resistance, thus maintaining a maximum amount of enamel.

Mauro Fradeani, MD, DDS

Past President of EAED - European Academy of Esthetic Dentistry (biennial 2003/2004) and Past President of AIOP - Accademia Italiana di Odontoiatria Protetica (biennial 1999/2000), he has served as Visiting Associate Professor in Prosthetics at Louisiana State University - New Orleans (USA) from 1999 until 2008. Active Member of The American Academy of Esthetic Dentistry, he maintains membership in The American Academy of Fixed Prosthodontics. He is Founder and Director of ACE Institute and of Fradeani Education.

He has been a member of the Editorial Board of Practical Procedures & Aesthetic Dentistry (PPAD) and presently is Associate Editor of The International Journal of Esthetic Dentistry (IJED) and member of the Editorial Advisory Board of the Journal of Esthetic and Restorative Dentistry (JERD). He is the author of the book "Esthetic Rehabilitation in Fixed Prosthodontics" translated into 12 languages, Vol 1 "Esthetic Analysis" and Vol 2 "Prosthetic treatment: a systematic approach to esthetic, biologic and functional integration", published by Quintessence International. He runs a private practice limited solely to prosthetics on natural dentition and on implants in Pesaro (Italy).

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Kursussted

Scandic Falkoner, Falkoner Allé 9, Frederiksberg

Dokumenteret efteruddannelse

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